



SEQUENCE LISTING

<110> Reed, John C.  
Houghten, Richard A.  
Nefzi, Adel  
Ostresh, John M.  
Pinilla, Clemencia  
Welsh, Kate

<120> Methods and Compositions for  
Derepression of IAP-Inhibited Caspase

<130> 66821-058

<140> US 10/748,128

<141> 2003-12-24

<150> US 60/331,957

<151> 2001-11-21

<150> US 10/302,811

<151> 2002-11-21

<160> 16

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<221> VARIANT

<222> 4

<223> Xaa = Any Amino Acid

<400> 1

Gln Ala Cys Xaa Gly

1

5

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<400> 2  
Asp Glu Val Asp  
1

<210> 3  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic construct

<400> 3  
Tyr Val Ala Asp  
1

<210> 4  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic construct

<400> 4  
Ala Val Pro Ile  
1

<210> 5  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic construct

<221> AMIDATION  
<222> 7  
<223> at the C-terminus

<221> MOD\_RES  
<222> 1  
<223> hydrogenated at the N-terminus

<400> 5  
Ala Val Pro Ile Ala Gln Lys  
1 5

<210> 6  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 6  
Ala Val Pro Ser  
1

<210> 7  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<221> VARIANT  
<222> (1)...(2)  
<223> Xaa = any amino acid

<400> 7  
Xaa Xaa Ala Ala Trp Trp  
1 5

<210> 8  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<221> VARIANT  
<222> (1)...(2)  
<223> Xaa = any amino acid

<400> 8  
Xaa Xaa Gly Ala Trp Trp  
1 5

<210> 9  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> (1)...(2)

<223> Xaa = any amino acid

<400> 9

Xaa Xaa Arg Ala Trp Trp  
1 5

<210> 10

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> (1)...(2)

<223> Xaa = any amino acid

<400> 10

Xaa Xaa Cys Lys Trp Trp  
1 5

<210> 11

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> 1, 2

<223> Xaa = Any Amino Acid

<400> 11

Xaa Xaa Phe Trp Trp Trp  
1 5

<210> 12

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT  
<222> 1, 2  
<223> Xaa = Any Amino Acid

<400> 12  
Xaa Xaa Leu Trp Trp Trp  
1 5

<210> 13  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<221> VARIANT  
<222> 1, 2  
<223> Xaa = Any Amino Acid

<400> 13  
Xaa Xaa Trp Leu Trp Trp  
1 5

<210> 14  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<221> VARIANT  
<222> 1, 2  
<223> Xaa = Any Amino Acid

<400> 14  
Xaa Xaa Trp Trp Trp Trp  
1 5

<210> 15  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<221> VARIANT  
<222> (1) ... (2)

<223> Xaa=any amino acid

<400> 15

Xaa Xaa Leu Lys Trp Trp

1

5

<210> 16

<211> 68

<212> PRT

<213> Artificial Sequence

<220>

<223> consensus sequence

<221> VARIANT

<222> 1-3,6,9,10,13,14,16,18-21,24,30,32,33,35,37,40,42-44,46,  
47,49-51,53-57,59,61,62,64,66

<223> Xaa=Any amino acid

<221> VARIANT

<222> 15

<223> Xaa=any amino acid that may or may not be present

<221> VARIANT

<222> 5,17,28,29,45,68

<223> Xaa=a hydrophobic amino acid

<221> VARIANT

<222> 7

<223> Xaa=serine or threonine

<221> VARIANT

<222> 8,67

<223> Xaa=phenylalanine or tyrosine

<221> VARIANT

<222> (12)...(12)

<223> Xaa=proline that may or may not be present

<221> VARIANT

<222> (52)...(52)

<223> Xaa=aspartic or glutamic acid

<221> VARIANT

<222> (60)...(60)

<223> Xaa=a basic amino acid (e.g. Arg, His, or Lys)

<400> 16

Xaa Xaa Xaa Arg Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa

1

5

10

15

Xaa Xaa Xaa Xaa Xaa Leu Ala Xaa Ala Gly Phe Xaa Xaa Xaa Gly Xaa

20

25

30

